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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	021202-004310US
First Inventor	Frederick C. Furtek
Title	External Memory
Express Mail Label No.	EU122003182US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

17548 U.S. PTO
10/7/1992

112003

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- ☒ Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ Specification [Total Pages 6+74]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
- Oath or Declaration [Total Sheets]
 - ☐ Newly executed (original or copy)
 - ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - ☐ Computer Readable Form (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☐ Paper
 - ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☒ Other: Express Mail Certification.....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information:

Examiner

Art Unit:

For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number: 37490 OR ☐ Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type) Charles J. Kulas

Registration No. (Attorney/Agent) 35,809

Signature

Charles J. Kulas

Date

November 20, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**FEE TRANSMITTAL
for FY 2002**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 579.00**Complete if Known**

Application Number	Unknown
Filing Date	November 20, 2003
First Named Inventor	Frederick Curtis Furtek et al.
Examiner Name	Unknown
Group / Art Unit	Unknown
Attorney Docket No.	021202-004310US

METHOD OF PAYMENT (check one)1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:Deposit
Account
NumberDeposit
Account
Name☐ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17☒ Applicant claims small entity status.
See 37 CFR 1.272. ☒ Payment Enclosed:☒ Check ☐ Credit card ☐ Money
Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	770	201	385	Utility filing fee	385.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1)

(\$)

2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
32	5		12	9	108
			2	43	86
					0

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	86	202	43	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$579.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
105	205	Surcharge - late filing fee or oath	
127	227	Surcharge - late provisional filing fee or cover sheet	
139	139	Non-English specification	
147	147	For filing a request for reexamination	
112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	Requesting publication of SIR after Examiner action	
115	215	Extension for reply within first month	
116	216	Extension for reply within second month	
117	217	Extension for reply within third month	
118	218	Extension for reply within fourth month	
128	228	Extension for reply within fifth month	
119	219	Notice of Appeal	
120	220	Filing a brief in support of an appeal	
121	221	Request for oral hearing	
138	138	Petition to institute a public use proceeding	
140	240	Petition to revive - unavoidable	
141	241	Petition to revive - unintentional	
142	242	Utility issue fee (or reissue)	
143	243	Design issue fee	
144	244	Plant issue fee	
122	122	Petitions to the Commissioner	
123	123	Petitions related to provisional applications	
126	126	Submission of Information Disclosure Stmt	
581	581	Recording each patent assignment per property (times number of properties)	
146	246	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	249	For each additional invention to be examined (37 CFR § 1.129(b))	
179	279	Request for Continued Examination (RCE)	
169	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

SUBMITTED BY**Complete (if applicable)**

Name (Print/Type)	Charles J. Kulas	Registration No. Attorney/Agent)	35,809	Telephone	650-842-0300
Signature	<i>Charles J. Kulas</i>	Date	November 20, 2003		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application Of:	
Frederick Curtis Furtek, et al.	
Serial No: Unknown	Examiner: Kenneth B. Rinehart
Filed: November 20, 2003	Art Unit:
Title: External Memory Controller Node	Atty. Docket No.: 021202-4310US

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

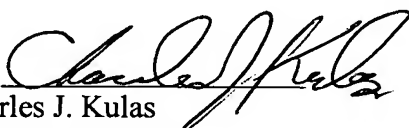
LETTER TO THE OFFICIAL DRAFTSPERSON
Submission of Formal Drawings

Sir:

Enclosed are seven (5) sheets of formal drawings. This includes figures 1, 2, 3, 4, and 5.

Dated: November 20, 2003

Respectfully submitted,

By: 
Charles J. Kulas
Reg. No. 35,809

CERTIFICATE OF MAILING			
I hereby certify that this correspondence, including the enclosures identified herein, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.			
Signature:			
Typed or Printed Name:	Charles J. Kulas	Dated:	November 20, 2003
Express Mail Mailing Number (optional):	EU122003182US		

In Re Application of: Frederick Curtis Furtek, et al. Application No.: Unknown Filing Date: November 20, 2003 Title: External Memory Controller Node	Docket No.: 021202-004310US Re: Filing Patent Application
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Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

Utility Transmittal Letter;
 Fee Transmittal Sheet;
 Unsigned Declaration
 Specification, Claims, Abstract and Drawings

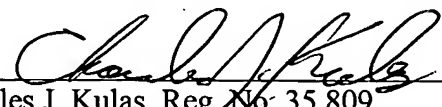
I hereby certify that this paper and the enclosures listed above are being deposited with the U.S. Postal Service "Express Mail to Addressee" Express Mail No.: EU122003182USUS on November 20, 2003, and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: November 20, 2003

Respectfully submitted,

QuickSilver Technology, Inc.

EU 122003182 US)

By: 
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